



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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No. 43] NEW DELHI, SATURDAY, OCTOBER 25, 1969 (KARTIKA 3, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रालग संकलन के क्षेत्र में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित घोषित सूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 25th October, 1969

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 4th October 1969

123419. K. Rangaramanujam. Improvements in or relating to thickness tester or thickness gauge especially suited for leather.

123420. S. K. Ghosh. Improved pilfer-proof bottle closures.

123421. International Standard Electric Corporation. T. D. M. System.

123422. Calmec Extrufom Limited. Improvements in machines for comminuting sheet material.

123423. Dow Corning Corporation. Surface active agents employed to enhance the effect of herbicides.

123424. National Distillers and Chemical Corporation. Preparation of silica gels.

123425. National Distillers and Chemical Corporation. Preparation of silica gels.

123426. Ciba Limited. New  $\beta$ -phenyl-fatty acid compounds and process for their manufacture.

123427. The Goodyear Tire & Rubber Company. Improvements in method and apparatus for curing tires and the like.

123428. The Dunlop Company Limited. Printers' blankets.

123429. International Flavors & Fragrances Inc. Process for production of isochromans.

123430. Toyo Rayon Company Limited. An improved spun yarn and a method for manufacturing the same.

123431. American Home Products Corporation. Penicillin derivatives and their preparation.

123432. E. R. Squibb & Sons, Inc. 5, 8-dihydronaphthoxy-amino-propanols and related compounds.

123433. Kumini Chemical Industry Co., Ltd. New substituted derivatives of 1, 1-dichloro-alkene-1 and their preparation and uses.

123434. Fizichesky Institut Imeni P. N. Lebedeva Akademii Nauk USSR. Device for neutron detection.

123435. R. Bajpai. An improvement in T. V. transmission system.

The 6th October 1969

123436. P. C. L. Mistry. Automatic power production vertical wheel without any fuel consumption.

123437. P. D. Karapurkar. Collapsible tubes made from electroplated slugs.

123438. UCB (Union Chimique-Chemische Bedrijven), S. A. Process for polymerising acrylonitrile. (7th October 1968).

123439. Imperial Chemical Industries Limited. New reactive anthraquinone dyestuffs. (7th October 1968).

123440. J. R. Geigy A. G. Squirt gun and dosing device therefor.

123441. Chas. Pfizer & Co., Inc. Improved process for the conversion of  $\alpha$ -carboxyloxybenzylpenicillins to  $\alpha$ -carboxybenzyl-penicillins. (9th April 1969).

123442. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements in or relating to the production of sponge iron. (23rd June 1969).

123443. A. R. MacDonald. Improvements in window ventilators.

123444. A. Brandestini. Anchorage body for anchoring tendons with wedges.

123445. Imperial Chemical Industries Limited. Catalyst system for polycondensation. (9th October 1968).

123446. Kyowa Hakko Kogyo Co., Ltd. Process for producing L-lysine by fermentation.

123447. Tecumseh Products Company. Improvements relating to compressor assemblies. (30th July 1969).

123448. Sandoz Ltd. Water repelling agents with microbiodical properties.

123449 Institut Po Metaloznanie I Technologia Na Metalite. Method for the production of castings from alloys of metals and gases and apparatus for its realization.

123450. The Upjohn Company. Synthesis of steroids.

123451. N. V. Philips Gloeilampenfabrieken. Method of manufacturing whiskers of silicon nitride.

123452. N. V. Philips Gloeilampenfabrieken. Semiconductor device.

123453. Montecatini Edison S. p. A. Catalyst based on aluminum fluoride for the fluorination in gaseous phase of hydrocarbons.

123454. E. F. DeSouza Automatic electronic fire alarm and extinguisher.

123455. M. O. Devassy. Threshing paddy the title of which is mangan paddy thresher.

123456. B. M. Tanna. An electronic circuit box.

123457. Kutty Flush Doors & Furniture Co., Private Ltd. An improved and economical bonded door shutter.

123458. E. L. Sumner. Improved ramming and cutting equipment.

123459. Societe Anonyme Seproxy, Societe Europeenne Pour La Transformation De Produits De Synthese. Process for manufacture of laminated sections.

123460. Erich Kiefer Lufttechnische Anlagen G.m.b.H. Apparatus for drying loose fibrous materials and the like.

*The 7th October 1969*

123461. Joseph Lucas (Industries) Limited. Brush assemblies. (14th October 1968).

123462. Joseph Lucas (Industries) Limited. Device for connecting batteries in parallel. (14th October 1968).

123463. Joseph Lucas (Industries) Limited. Vacuum operable units for use with ignition distributors. (14th October 1968).

123464. Joseph Lucas (Industries) Limited. Rear view mirrors. (14th October 1968).

123465. Gutchoffnungshutte Sterkrade Aktiengesellschaft. Improvements in or relating to centrifuges. (14th July 1969).

123466. Abbott Laboratories. 5-(hydroxyanilino)-1, 2, 3, 4-thiatriazoles and method of making same. [Divisional date 10th May 1968].

123467. Farbenfabriken Bayer Aktiengesellschaft. Herbicides.

123468. K. Nagarajan Esqr. A puller for diesel engine automatics.

123469. Owens-Illinois, Inc. Gas discharge display-memory device and method.

123470. Gutchoffnungshutte Sterkrade Aktiengesellschaft. Centrifuge drum.

123471. Rederiaktiebolaget Nordstjernan. Arrangement for separating and fractionating material suspended in a liquid.

123472. V. Sawalka. Improvements in or relating to indexer.

*The 8th October 1969*

123473. G. S. Thaker. The count-down cigarette holder.

123474. G. S. Thaker. Combi-car antithief handbreak lock.

123475. G. S. Thaker. G. T. energy chamber & gas miser.

123476. Chas. Pfizer & Co., Inc. Process for preparing substituted as-triazine-3, 5(2H, 4H) diones and compositions thereof.

123477. Girling Limited. Improvements in or relating to brake adjusters. (9th October 1968).

123478. The Dunlop Company Limited. Load-indicating devices.

123479. Certels Limited. Artificial stone tiles. (11th October 1968).

123480. Joseph Lucas (Industries) Limited. Mounting means for switches, instruments or the like. (15th October 1968).

123481. Imperial Chemical Industries Limited. Band or webbing structures. (16th October 1968). [Addition to No. 110683].

123482. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (17th October 1968).

123483. Francis Shaw And Company (Manchester) Limited. Improvements in or relating to extrusion apparatus and method. (16th October 1968).

123484. Redland Pipes Limited. Improvements in the manufacture of composite pipes. (17th October 1968).

123485. Chemnor Aktiengesellschaft. An electrode process for the manufacture of the same and the electrolyte process for the preparation of chemical products using the electrode. [Addition to No. 114367]. [Divisional date 6th February 1968].

123486. Regie Nationale Des Usines Renault. Improvements in methods of sharpening twist drills for drilling metals and alloys.

123487. Estrela Batteries Limited. Improvements in or relating to electric batteries. [Addition to No. 98639].

123488. Dynamit Nobel Aktiengesellschaft. Process for the production of polyethylene terephthalate.

123489. P. Zimmer. Improvements in or relating to a process and a device for the production of jointless hollow cylinders.

*The 9th October 1969*

123490. J. A. L. Migacl. Automatic relay.

123491. Champion Spark Plug Company. Gasket.

123492. Eesha Engineering Private Limited. A mopping device.

123493. Mrs. Maureen Manchanda. Slimming garment.

123494. K. G. Singh. Spark plug cleaner.

123495. Imperial Chemical Industries Limited. Electrodes for electro-chemical processes. (18th October 1968).

123496. Alcan Research and Development Limited. Cmp for building structure and structure employing the same.

123497. The Rubber Research Institute of Malaya. A method of stimulation of rubber yield in *hevea brasiliensis*. (22nd October 1968).

123498. American Home Products Corporation. Gona-3, 5-dienes. (30th July 1969).

123499. CPC International Inc. Improved method of degerminating sorghum grains.

123500. Farbenfabriken Bayer Aktiengesellschaft. Herbicides.

123501. Union Carbide Corporation. Cobalt base oxidation resistant alloy.

123502. Joseph Lucas (Industries) Limited. Semi-conductor devices. (28th October 1968).

123503. Tigers Rubber Co., Ltd. Apparatus for continuously making a house.

123504. Hydrocarbon Research, Inc. Hydrogenation of coal.

123505. Sun Oil Company. Improved method for extruding difficult-to-process polymers.

The 10th October 1969

123506. Quenot & Cie S.a.r.l. An attachment device for fitting to the end of a measuring tape or the like. (12th October 1968).

123507. Courtaulds Limited. Process for making a non-woven fabric. (17th October 1968).

123508. R. J. Stone. Improvements in or relating to deterrent compositions. (15th October 1968).

123509. Philip Morris Incorporated. Flavor-releasing smoking article and method of making the same.

123510. Gevaert-Agfa N. V. Improvements in the manufacture of polyesters. (29th November 1968).

123511. American Home Products Corporation. Penicillin derivatives and their preparation. (7th February 1969).

123512. The British Iron and Steel Research Association. Improvements in and relating to the analysis of molten materials. (23rd May 1969).

123513. American Cyanamid Company. Substituted 5-nitroimidazoles and method of preparing the same.

123514. Vsesojuzny Nauchno-Issledovatelsky Institut Sinteticheskogo Volokna. Continuous method of producing polycaproamide.

123515. Dorab Pestonjee Maneckjee Kanga. A device for compressing gases including air.

123516. J. S. Bedi. An electric alarm.

123517. V. V. Babu. A new type of coir yarn spinning machine.

123518. Ciba Limited. Tertiary aminoacids.

123519. Ciba Limited. Tertiary aminoacids. [Addition to No. 115620].

123520. Vetrocoke Cokapuania S.p.A. and G. Giammarco. Improvements in or relating to purification of gas mixtures.

123521. Merlin Gerin. Compressed air electric apparatus embodying a drying device.

123522. Sankyo Company Limited. Benzodiazepinium salts and process for preparing the same.

123523. L. Givaudan & Cie Societe Anonyme. Substituted carbamides.

123524. N. V. Philips Gloeilampenfabrieken. A method of preparing cyanacetic acid esters.

123525. B. L. Mittal. The manufacture of gur by the vacuum pan process so as to increase its output and hygienic value.

123526. M. I. A. R. Gokak and P. M. A. R. Gokak. General radio relay system No. 1 assembly.

#### Alteration of Date

115724. The claim to priority date 11th May 1967 has been abandoned and the application dated as of 3rd May 1968, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the date allowed under Section 78-A of the Act.

113602. Veb Elektrochemisches Kombinat Bitterfeld. Process for the manufacture of hexachlorocyclo hexane and products obtained thereby. Accepted on 15th September 1969.

*The chlorination of benzene is carried out under the action of ultra-violet light of wave length 4000 to 5000A° in two chlorination stages to provide a product containing mainly hexachlorocyclohexane melt which is deflated.*

113869. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of calcium tungstate blue phosphor. Accepted on 3rd October 1969.

*Comprises making a slurry of calcium oxide and tungstic oxide air drying the slurry to whiteness at 110° and heating at 800°—1100°C.*

113915. The Flintkote Company. Improved method of accelerating the rate of dissolution of lime in a basic oxygen furnace slag in the method of production of steel. Accepted on 4th October 1969.

*Charging to the slag either a composition containing an admixture of solid particulate lime and a relatively smaller quantity of a boron containing additive compound or charging lime in presence or in immediate presence of boron containing compound, the additive being capable of forming as a liquid layer which wets and draws lime to the slag.*

113928. The Indian Iron & Steel Company Limited. Process and apparatus for treating haematite iron ore fines. (10th January 1967). Accepted on 4th October 1969.

*Including reducing the ore fines with coal and/or coke breeze in the presence of at least one flux selected from limestone and dolomite, crushing the reduced material, magnetically separating the iron produced, mixing the separated iron with hydrated lime and forming the mixture into pellets.*

113944. Fertilizer Corporation of India Limited. An improved method for preparation of selective silica gel of high adsorption capacity for hydrocarbon type analysis. Accepted on 6th October 1969.

*Comprises of (i) gelating 19% aqueous sodium silicate and 10% fuming hydrochloric acid mixed in equal volumes at 50—55°C in the pH range of 1.0 to 1.5 with the aid of hydrofluoric acid 0.25 ml/litre of mixed solution, (ii) drying the gel in open trays at room temperature.*

113954. The Dunlop Company Limited. Flexible sheet materials. (21st March 1967). [Addition to No. 109999]. Accepted on 6th October 1969.

*The surfaces are rendered adhesive to each other by means of temperature pressure in the absence of any pre-treatment to render the surfaces adhesive to each other.*

113971. Ciba Limited. Pesticidal preparations containing new phosphoric acid esters. Accepted on 8th October 1969.

*Comprises as active principle a phosphoric acid ester together with a suitable carrier.*

113989. R. G. DePenning. Colour imaging method and imaging members therefor. Accepted on 25th September 1969.

*Comprising a substrate having coated thereover a softenable insulating layer which has therein or on the free surface thereof a particulate layer comprising a mixture of electrically photosensitive particles of at least two colours.*

114303. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of water-insoluble azo-dyestuffs having particularly good qualities for printing. Accepted on 4th October 1969.

Adding to a known coupling process an auxillary comprising a mixture consisting essentially of a primary aliphatic amine and/or a salt thereof with a low molecular weight fatty acid and of an amine oxide or phosphine oxide which oxides contain a long chain hydrocarbon radical.

114948. Ciba Limited. Disazo Dyestuffs and processes for their manufacture and use. Accepted on 12th September 1969.  
*Coupling a compound formed from two aromatic amines linked together through a bifunctional bridging components with a diazo compound of an amine.*

115212. Ordena Trudovogo Krasnogo Znameni Zavod Avtosteklo. Glass and glass-crystalline material. Accepted on 3rd October 1969.  
*Containing  $SiO_2$ ,  $Al_2O_3$ ,  $CaO$ ,  $Na_2O$ ,  $MgO$ ,  $MnO$ ,  $Fe_2O_3$ ,  $ZnO$ , fluorine and sulphur sulphide in varying proportions.*

115231. Ordena Trudovogo Krasnogo Znameni Zavod Avtosteklo. A method of manufacturing crystalline glass articles. Accepted on 3rd October 1969.  
*The blanks moulded from the glass mass are kept at 670-750°C for 10-70 min followed by heating at a rate of 75-320°C per hour to 930-970°C at which temperature the pieces are kept for 10-70 min, followed by cooling at a rate of 200-450°C per hour.*

115237. Produits Chimiques Pechiney-Saint-Bobain. Improvements in or relating to reticulated substances produced from vinyl chloride compositions containing vinyl acetate/ethylene copolymers grafted with vinyl chloride. Accepted on 3rd October 1969.  
*Process for preparing graft-polymerised and reticulated vinyl chloride compositions containing vinyl acetate/ethylene copolymers grafted with vinyl chloride comprising obtaining a vinyl chloride composition by a two stage bulk graft-polymerisation, adding to the vinyl chloride composition as generator of free radicals and thermoreticulating the composition at a temperature above 180°C.*

115238. Produits Chimiques Pechiney-Saint-Gobain. Improvements in or relating to reticulated substances produced from vinyl chloride compositions containing vinyl acetate/ethylene copolymers grafted with vinyl chloride. Accepted on 3rd October 1969.  
*Process for preparing the products of bulk graft polymerisation and reticulation wherein generator of free radicals is added to the products of polymerisation of vinyl chloride compositions containing vinyl acetate/ethylene copolymers grafted with vinyl chloride prepared by bulk graft polymerisation thermo-reticulation is carried out at a temperature above 180°C.*

115242. Joseph Lucas (Industries) Limited. Electrical connectors. (3rd May 1967). Accepted on 3rd October 1969.  
*Comprising a conductive member connected to a lead at one end and a terminal housed in an insulating sleeve at the other with a waterproof garter moulded around it which grips the sleeve.*

115265. Ciba Limited. A new carbamate, process for its preparation and pesticidal compositions containing it. [Addition to No. 101913]. Accepted on 3rd October 1969.  
*Dimethyl carbamic acid chloride is reacted with  $O-(1, 3-dithiolan-2-yl)-phenol$ .*

115288. Uniroyal Englebert France. Building drum. Accepted on 4th October 1969.  
*A plurality of juxtaposed coaxial cylindrical sections, including two end sections and a radially collapsible middle section and means for radially collapsing it and means for moving the end sections relatively toward one another into telescoped relationship with the middle section.*

115316. K. E. Roberts. Production of anodised surfaces of aluminium or aluminium alloys. Accepted on 6th October 1969.  
*The particular values of anodising parameters being selected within the given ranges in dependence upon the particular material to be treated so as to provide an anodising surface which is sufficiently robust and not to require to be sealed before subsequent treatment.*

115494. Mineralimpex Magyar Olaj Es Banyatermek Kulkeskedelmi Vallalat. A process for the preparation of new organophilic clays in hydrogen cycle. Accepted on 9th October 1969.  
*The clay is reacted with an organic compound capable of cation active dissociation and is then converted to hydrogen organo-philic mineral by adjusting the pH from 3-7.*

115553. International Business Machines Corporation. Pressure sensitive transfer medium. Accepted on 7th October 1969.  
*Comprising a layer of porous plastics material, the pores of which are at least partially filled with ink composition in which the plastics material is insoluble, the layer containing an organic liquid absorbing filler.*

115641. Glamorgan Pipe & Foundry Co. Centrifugal pipe casting apparatus. Accepted on 10th October 1969.  
*Comprising a metallic core having an elongated hollow tubular configuration with means for removably securing the metallic core to the rotatable mold so as to close a portion of one end of the elongated hollow tubular internal cavity, by presenting a patterned surface, the patterned surface of the metallic core defining recess means for receiving and solidifying casting material so as to hold a pipe at its bell end during casting.*

115668. Union Carbide Corporation. Magnet assembly for detachably attaching an article to magnet attracting surface. Accepted on 4th October 1969.  
*Comprising a magnet and collector means associated with the former, being positioned within an article and being resiliently held away from the outer wall thereof by a spring, the outer wall having at least one aperture therein aligned with the collector means.*

115669. Hindustan Safety Glass Works Private Ltd. Method of and apparatus for metal coating of surfaces. Accepted on 6th October 1969.  
*Characterized in that such solutions are pumped up under desired pressure into and through independent channels or ducts of a projecting gun and ejected simultaneously from out of respective nozzle of said gun and mixed in transit after ejection of mouth of nozzles or away from nozzles but before contacting the surface to be coated under a pressure which is same or substantially the same at which such solutions are pumped.*

115724. Distrene Limited. Process for the production of styrene polymers. Accepted on 4th October 1969.  
*Polymerizing a solution of at least 10% by weight of a high cis-polybutadiene or a high cis-butadiene styrene polymer whilst stirring the solution whereby a phase inversion is effected and then containing the polymerization to form the desired styrene polymer.*

115735. Suresh Chandra Gupta and N. A. Ramaiah. Improvements in the process of manufacture of active carbon from cellulosic materials like bagasse, paddy husk etc. Accepted on 7th October 1969.  
*Comprises mixing 100 gm  $CuCl_2$  solution and 2 gm  $FeCl_3$  solution with every 100 gm of cellulosic material heating the mass to bring the fibres into solution, followed by heating out of contact with air at 800-900°C water leaching entreatment of the washed carbon with 1 : 1  $HCl$  and final drying after washing acid free.*

115837. Sayaji Mills Ltd. Production of fungal glucoamylase. Accepted on 7th October 1969.  
*By cultivating under submerged conditions a strain of aspergillus niger or rhizopus delmar in an aqueous nutrient medium.*

115895. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble disazo dyestuffs and process for their manufacture. Accepted on 9th October 1969.  
*Process for water-soluble disazo dyestuffs wherein in a disazo dyestuff of an appropriate formula is acylated in an aqueous medium in the presence of an acid binding agent with  $\beta$  (2', 2', 3', 3'-tetrafluorocyclobutyl)-acrylic acid chloride.*

115924. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble mono-azo dyestuffs and process for their manufacture. Accepted on 6th October 1969.  
*Comprises in diazotizing as amine and subsequently coupling it with a pyrazolone derivative.*

116034. British Insulated Callender's Cables Limited. Improvements in or relating to apparatus for and a method of embossing a plastics surface of a body made wholly or partly of plastics material. Accepted on 30th September 1969.  
*Comprising an embossing device wherein the embossing surface having at least one indentation defining insignia to be embossed upon the plastics surface and having in its boundary wall a passage permitting expulsion of air from the indentation.*

116048. Prototech Company. Fuel cell inlet structure and the like. Accepted on 10th October 1969.  
*A high temperature plug disposed against the said inner walls at a region of at least one inlet displaced from housing wall such as to be cooler than the medium, the plug being apertured to permit gaseous flow into inlet and non wetting by the medium.*

116049. Prototech Company. Electrolytic medium housing and the like. Accepted on 10th October 1969.  
*Comprises bounding walls of resistant material one of which is removable and closable to close the housing, a thin aluminium gasket interposed between adjacent peripheral borders of said one wall, the temperature being sufficient to soften the aluminium without melting and maintain the medium in moltenanhydrous condition and means for applying pressure.*

116074. L. G. Dubern. Improvements in or relating to air-pressure pumps. Accepted on 7th October 1969.  
*Characterized in that the connecting rod is also fixed to a second piston which reciprocates within an air chamber.*

116079. S. K. Karanjia. A portable lavatory seat cover. Accepted on 7th October 1969.  
*Comprising at least one formed lamina provided with at least one folding joint.*

116135. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of vinyl acetate. Accepted on 6th October 1969.  
*Wherein ethylene, oxygen and acetic acid formed during the process are reacted at a temperature of from 50 to 300°C and at normal or elevated pressure in a presence of a catalyst.*

116373. Inventa A. G. Fir Forschung Und Patentverwertung. Process for producing improved polyester. Accepted on 3rd October 1969.  
*Adding elemental sulphur or a compound that releases sulphur under the conditions of production into the polyester.*

116415. Associated Engineering Limited. Transducers. Accepted on 9th October 1969.  
*Comprising a core of bundle of wires electrically conducting coil, active face and this diaphragm.*

116416. Associated Engineering Limited. Transducers. Accepted on 9th October 1969.  
*Comprising a core of bundle of wires, electrically conductive coil around the said core.*

116790. Solvay Et Cie. Improved process for the catalytic removal of hydrogen from chlorine. Accepted on 7th October 1969.  
*Comprises the gas is passed through a reaction zone containing active carbon granules maintained at a temperature between 125°C and 250°C, at least part of the heat liberated during the removal of hydrogen being used to preheat to at least 125°C the gas to be treated.*

117323. Miles Laboratories, Inc. Process for the preparation of an insoluble polymeric diazonium salt colour developer the developer so prepared and test device incorporating such developer. Accepted on 3rd October 1969.  
*Reacting cation exchange resin containing acid group with halogenating agent reacting reaction product with aromatic polyamine and diazotizing.*

117368. Midland Silicones Limited. Production of cross-linkable and cross linked organic polymers. (31st August 1967). Accepted on 4th October 1969.  
*Subjecting an organic polymer to mechanical working in the presence of an organo silicon compound and exposing the polymer to moisture.*

117700. Hepworth and Grandage Limited. Metal casting process and apparatus therefor. Accepted on 8th October 1969.  
*A mould made of gas permeable material including at least one cavity is held in a jig and the jig with the mould is immersed into molten metal and they are removed after the mold cavity or cavities have been filled.*

117994. National Distillers and Chemical Corporation. Rubber blends. Accepted on 4th October 1969.  
*A blend of (a) an alfin-catalyzed polymer having molecular weight less than about 2 million and (b) at least 5% based on the total weight of (a) and (b) of a polybutadiene having at least 85% cis-1, 4-configuration.*

118849. Union Carbide Corporation. Package and method of producing same. Accepted on 7th October 1969.  
*Having a package contents and a thin heat-shrinkable thermoplastic film folded upon itself heat shrunk around its contents with a heat-seal in the film.*

119638. Rodi & Wienenberger Aktiengesellschaft. Expanding jointed band. Accepted on 9th October 1969.  
*Consisting of two layers of members arranged offset in relation to one another, of which in each case one member of the layer is connected with two adjacent members of the layers by loops pivotable against spring action characterized in that members of the upper layer are substantially more widely dimensioned than the members of the lower layers and apertures of any desired form are provided in the top surface of the upper layer.*

121357. E. L. Farris. Rotary fluid device. Accepted on 30th September 1969.  
*A rotary fluid pump and fluid motor device of the radial vane type, wherein the vanes are furnished by spherical rollers or balls which undergo a rolling motion during relative rotation of the rotor and stator in such a way as to minimize the frictional forces active between the rotor and stator in operation.*

**Opposition Proceedings**

(1)

An opposition has been entered by Arun Kumar Sinha to the grant of a patent on application No. 111647, made by Monsanto Company.

(2)

An opposition has been entered by Mckenzies Limited to the grant of a patent on application No. 114874, made by the Cementation Company Limited and another.

(3)

An opposition has been entered by Rodio Foundation Engineering Limited and Hazarat & Co. to the grant of a patent on application No. 114874, made by The Cementation Company Limited and another.

**Patents Sealed**

89077. 92769. 93055. 94067. 95497. 96579. 98360. 99052. 105589. 109589. 109811. 109825. 109828. 109927. 110046. 110050. 110078. 110144. 110347. 110458. 110500. 110598. 110741. 110871. 110943. 110980. 111056. 111079. 111116. 111184. 111273. 111313. 111387. 111400. 111444. 111682. 111691. 111819. 111840. 111851. 111927. 111957. 112036. 112125. 112282. 112311. 112456. 112487. 112590. 112686. 112741. 112770. 112826. 112935. 113006. 113051. 113067. 113119. 113175. 113184. 113226. 113358. 113445. 113517. 113629. 113647. 113790. 113816. 113996. 114075. 114130. 114131. 114137. 114245. 114327. 114330. 114394. 114573. 114816. 114895. 115074. 115353. 115786. 115864. 116189. 116402. 116605. 116821. 117138. 117630.

**Amendment Proceedings**

The amendment proposed by Monsanto Company in respect of patent application No. 105457, as advertised in Part III, Section 2, of the Gazette of India, dated the 20th July, 1968, has been treated as abandoned.

**Renewal Fees Paid**

52933. 53011. 53030. 53137. 53194. 53236. 53355. 53543. 53792. 55715. 55729. 55744. 55758. 55759. 55814. 55836. 55874. 56130. 56192. 56299. 57301. 58389. 58586. 58628. 58741. 58772. 58810. 58812. 58820. 58825. 58888. 59017. 59078. 61759. 61937. 61939. 61962. 62036. 62104. 62178. 62180. 62200. 62237. 62245. 62246. 62255. 62325. 62416. 62462. 62518. 62630. 63785. 65465. 65474. 65497. 65500. 65545. 65577. 65650. 65688. 65704. 65705. 65716. 65797. 65809. 65824. 65876. 65967. 65973. 65982. 66031. 66248. 69020. 69140. 69143. 69349. 69353. 69356. 69386. 69438. 69569. 69575. 69600. 69601. 69611. 69670. 69737. 69775. 69777. 69859. 69939. 70078. 70079. 70364. 70564. 70584. 70585. 70731. 72381. 72556. 73229. 73618. 73622. 73653. 73757. 73775. 73935. 73937. 73958. 73996. 73999. 74017. 74018. 74047. 74088. 74097. 74103. 74104. 74105. 74206. 74219. 74239. 74291. 74484. 74500. 74628. 74690. 74741. 74748. 74825. 75103. 75430. 75877. 75878. 78265. 78760. 78763. 78940. 78976. 78978. 79035. 79064. 79105. 79113. 79149. 79175. 79195. 79264. 79319. 79335. 79367. 79368. 79403. 79432. 79434. 79455. 79458. 79519. 79523. 79541. 79582. 79683. 79899. 80739. 81774. 81778. 81892. 83327. 83429. 83481. 83998. 84485. 84486. 84488. 84491. 84595. 84617. 84619. 84629. 84643. 84722. 84919. 84933. 84950. 84971. 85032. 85033. 85034. 85042. 85068. 85069. 85088. 85095. 85105. 85163. 85184. 85185. 85218. 85219. 85220. 85232. 85236. 85257. 85265. 85290. 85295. 85309. 85318. 85322. 85338. 85354. 85357. 85422. 85651. 85669. 85727. 85812. 88584. 89691. 89829. 90023. 90120. 90138. 90139. 90165. 90234. 90245. 90262. 90278. 90279. 90311. 90326. 90374. 90395. 90451. 90453. 90461. 90485. 90516. 90570. 90587. 90606. 90607. 90616. 90646. 90685. 90718. 90729. 90762. 90764. 90775. 90779. 90801. 90818. 90822. 90833. 90851. 90882. 90884. 90900. 90920. 90930. 91045. 91061. 91081. 91091. 91252. 91262. 91306. 91307. 91341. 91502.

91503. 91520. 91701. 92209. 92216. 92333. 92361. 92445. 93336. 94626. 94889. 95413. 95937. 95950. 95951. 95968. 95970. 95979. 95997. 96004. 96026. 96032. 96067. 96096. 96149. 96153. 96180. 96210. 96241. 96245. 96247. 96271. 96273. 96299. 96327. 96336. 96337. 96358. 96361. 96391. 96393. 96396. 96410. 96411. 96442. 96464. 96520. 96591. 96603. 96617. 96621. 96628. 96631. 96638. 96648. 96671. 96680. 96701. 96712. 96716. 96724. 96725. 96735. 96737. 96890. 96913. 96956. 96963. 96974. 97072. 97073. 97144. 97145. 97183. 97221. 97498. 97540. 97604. 97654. 97852. 99103. 99806. 101821. 101928. 101957. 101975. 101983. 101994. 101995. 101996. 101997. 101998. 101999. 102008. 102016. 102020. 102021. 102051. 102052. 102053. 102068. 102079. 102091. 102105. 102135. 102136. 102185. 102189. 102273. 102284. 102309. 102329. 102349. 102368. 102369. 102394. 102421. 102438. 102454. 102470. 102500. 102537. 102540. 102557. 102571. 102599. 102629. 102633. 102646. 102647. 102648. 102673. 102683. 102739. 102817. 102887. 102938. 103028. 103075. 103103. 103105. 103117. 103118. 103153. 103154. 103362. 103525. 103600. 103866. 103916. 104862. 106494. 106813. 106814. 106848. 107211. 107350. 107384. 107548. 107865. 107867. 107973. 107984. 107988. 107989. 108066. 108300. 108396. 108419. 108474. 111009. 111020. 111021. 111613. 111614.

**Cessation of Patents**

68256. 68261. 68269. 68270. 68271. 68273. 68276. 68277. 68280. 68281. 68290. 68293. 79818. 79821.

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs, Act, 1911 for the restoration of following patent :—

No. 83050—Mandayam Anandampillai Purthasarathy.

The patent ceased on 4th July 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 16th August 1969. Any person may give notice of opposition to the restoration by leaving an application of Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th December 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs, Act, 1911 for the restoration of following patent :—

No. 88015—Mrs. Parvathy Raman.

The patent ceased on 17th February 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 9th August 1969. Any person may give notice of opposition to the restoration by leaving an application of Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th December 1969.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs, Act, 1911 for the restoration of following patent :—

No. 91487—Kumud Bandhu Das Chowdhury.

The patent ceased on 27th December 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 4th October 1969. Any person may give notice of opposition to the restoration by leaving an application of Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th December 1969.

(4)

An order has been made on the 30th September 1969 restoring the patent No. 73823 dated as of the 24th October 1969, granted to Director Indian Institute of Science for "an improved process for the extraction and purification morellin".

## (5)

An order has been made on the 30th August 1969, restoring the patent No. 86036 dated as of the 14th January 1963, granted to Vijay Scientific & Surgical Company for "an improved device for cervical traction".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 135908. Rex Auto Products (India), 3060, Bahadur Garh Road, Delhi, Indian Partnership concern, "Stand of Auto Mirror", June 9, 1969.

Class 1. No. 135909. Rex Auto Products (India), 3060, Bahadur Garh Road, Delhi, Indian partnership concern, "Mirror", June 9, 1969.

Class 3. No. 136060. Philips India Limited 7, Justice Chandra Madhab Road, Calcutta-20, West Bengal, India, an Indian Company, "a Night glow lamp", June 25, 1969.

Class 3. No. 136098. E. J. Rilley Limited, a British Company, Pioneer Works, Horne Street, Accrington, Lancashire, England, "a Billiard or snooker table", July 2, 1969.

Class 3. No. 136244. Ambika Plastics Private Limited, 104, Industrial Area, Chandigarh, an Indian Private Limited Company, "Sandals", July 26, 1969.

Class 10. Nos. 135955 & 135956. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani, Calcutta, West Bengal, "Footwear", June 18, 1969.

Class 10. No. 136061. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani, Calcutta, West Bengal, "Footwear", June 26, 1969.

Class 10. No. 136243. Ambika Plastics Private Limited, 104, Industrial Area, Chandigarh, an Indian Private Limited Company, "Sandals", July 26, 1969.

**Name Index for applicants for Patents for the month of September, 1969 (Nos. 122979 to 123390).***Name & Application No.***A**

A. M. S. A. Anonima Materie Sintetiche Ed Affini S.p.A.—123372.

Abraham, P. (Mrs.)—123309.

Aero-Go, Inc.—123175.

Agnihotri, V. G. (Dr.)—123142, 123143.

Ahuja, K. L.—123051.

Akesson, A.—123193.

Aktiebolaget Svenska Flaktfabriken—123100.

Alcan Research and Development Ltd.—123009.

Algemene Kunststijde Unie N. V.—123303, 123384.

Allied Chemical Corp.—123195.

Allmanna Svenska Elektriska Aktiebolaget—123242.

Alutery Aluminiumipari Tervezo Vallalat—123385.

Amdekar, U. C.—123058.

American Home Products Corp.—123087, 123112.

Anand, R. P.—123057, 123206.

Anglo American Corporation of South Africa Ltd.—123279.

Anirudhabhagat S. (Mrs.)—123163.

Arbeitsstelle fur Molekularelektronik—123042, 123120, 123258.

Arthur G. Mc Kee & Co.—123254.

A. Wander S. A.—123061.

**B**

BP Chemicals (U.K.) Ltd.—123317.

Badische Anilin- & Soda-Fabrik Aktiengesellschaft—123182.

Bai, K. S.—123291.

Baird Chemical Industries Inc.—123005, 123006, 123007.

Bajaj, J. S. I. S.—123093.

Balsara Hygiene Products—123312.

Baskaran, K. R.—123090, 123091.

Basu, F.—123189.

Beards, B. M.—123249.

Becker, O. A.—123220.

Becham Group Ltd.—123079.

Bendis-Westinghouse Automotive Air Brake Co.—123337.

Bhagat A. S.—123163.

Bhatia, D. R.—123246, 123247.

Bird & Co. (Private) Ltd.—123386.

Bochkarev, B. A.—122983.

Bochkareva—122983.

Boehringer Mannheim GMBH.—123158.

Boliden Aktiebolag—123168.

Boots Pure Drug Co. Ltd.—123154.

Bottger, B.—123227.

Borg Warner Corp.—123125, 123252.

Bratland, A.—122988.

Bremshay, F.—123325, 123343, 123344, 123345, 123346.

Bremshay, H.—123325, 123343, 123344, 123345, 123346.

British Industrial Plastics Ltd.—123340.

British Petroleum Company Ltd. The—123226, 123236.

Brown, Boveri & Company Ltd.—123200.

Bunker Ramo Corp. The—123159.

Bush Boake Allen Ltd.—123267.

**C**

C. F. Spiess & Sohn—123259.

Canadian Industries Ltd.—123169.

Caterpillar Tractor Co.—123033.

Carding Specialists (Canada) Ltd.—122989.

Carolina Narrow Fabric Co.—123371.

Centre De Recherches De Pont-A-Mousson—123017.

Chakraborty, N. B.—123121.

Chakravarty, R.—123224.

Chas. Pfizer & Co., Inc.—123255.

Cholera, G. L.—123323.

Choudary, K. R.—123128.

Champion Paper Company, Ltd. The—123268.

Christopher, P. M. D.—123188.

Ciba Ltd.—122992, 123022, 123024, 123044, 123045, 123046, 123059, 123077, 123115, 123127, 123152, 123162, 123196, 123238, 123277, 123387, 123388.

Columbia Broadcasting System Inc.—122982.

Columbia Gas System Service Corp.—122985.

Combustion Engineering, Inc.—123202, 123368.

Compagnie De Saint-Gobain—123038.

Cotton, Silk and Man-made Fibres Research Association The—123039.

Council of Scientific and Industrial Research—122995, 122996, 122997, 123139, 123209, 123231, 123289, 123290, 123311, 123365.

**D**

Daftary, V. G.—123223.

Dahlgren, A. S.—123193.

Danfoss A/S—123129, 123130, 123131, 123132, 123133, 123134, 123135, 123361, 123362, 123363, 123364.

Decca Record Co. Ltd., The—122993.

Desai, M. W.—123223.

Desai, V. M.—123137.

Deshpande, A. D.—123049.

Dharmani, C.—123138.

| Name & Application No.  | Name & Application No.   |
|---|--|
| Dharmani, I.—123138.  | I  |
| Diamond Shamrock Corp.—123181.  | Idemitsu Petrochemical Co. Ltd.—123264.  |
| Dr. C. Otto & Comp. GMBH.—123151.   | Identification Corp.—123111.   |
| Dominion Engineering Works Ltd.—123103.   | Imperial Chemical Industries Ltd.—123020, 123056, 123071, 123253, 123296.              |
| Dunlop Co. Ltd. The.—123015, 123016, 123086, 123102, 123190, 123210, 123211, 123380.                  | Industriele Onderneming Wavin N. V.—123235, 123326.                                    |
| E   |  |
| E. I. du Pont de Nemours and Co.—123147, 123174.  | Institut Gornogo Dela imeni A. A. Skochinskogo—123021.                                 |
| E. R. Squibb & Sons Inc.—123338, 123339.  | Institut Francais Du Petrole. Des Carburants Et Lubrifiants—122990, 123263.            |
| E. Merck Aktiengesellschaft—123066.   | Instituto Nazionale Chimico Biologico S.r.l.—123241.                                   |
| Edeleanu Gesellschaft m.b.H.—123117.  | International Business Machine Corp.—123329.   |
| Eliat, M.—123366.   | International Standard Electric Corp.—123097.  |
| El Paso Products Co.—123301, 123322, 123327.  | Inventa A. G. Fur Forschung Und Patentverwertung—123037.                               |
| Elias, P. T.—123309.  | J  |
| Eltra Corp.—123035.   | J. C. I. Metal Holdings (Proprietary) Ltd.—123170.                                     |
| Engineer, N. S. (Mrs.)—123333.  | J. R. Geigy A. G.—122986, 123040, 123041, 123266.                                      |
| Eszakmagyarorszagi Vegyimuvek.—123201.  | Jacob, K. C.—123309.   |
| F   |  |
| F. Hoffmann-La Roche & Co. Aktiengesellschaft.—123095, 123096, 123153, 123197, 123225, 123300.        | Jacob, S. (Mrs.)—123309.   |
| Farbenfabriken Bayer Aktiengesellschaft—123072, 123124, 123250, 123251.                               | James Mackie & Sons Ltd.—123098.   |
| Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning—122998, 123060, 123099, 123272. | Jivani, M. R.—123136.  |
| Femipari Kutato Intezet—123302.   | John, K. C.—123309.  |
| Fernando, A. S.—123381.   | Johnson & Johnson—123076.  |
| Fernando, C. S. W.—123381.  | Joseph Lucas (Industries) Ltd.—123019, 123191, 123215, 123243, 123295, 123318, 123332. |
| Fernando, A. N. K.—123381.  | Joseph, P. T.—123319.  |
| Fernando, A. S. K.—123381.  | Juneja, R. R.—123177.  |
| Fiat Societa per Azioni—123029.   | K  |
| Financiera Tamja Sociedad Anonima—123180.   | Kaiser Aluminum & Chemical Corp.—123347.   |
| Fizichesky Institut imeni P. N. Lebedeva—123149, 123274.  | Katsuragawa Denki Kabushiki Kaisha—123105.   |
| Fukuoka Kagaku Kgyo Co. Ltd.—123261.  | Knapsack Aktiengesellschaft—123157, 123278.  |
| Fukuoka, T.—123185.   | Knorr-Bremse GmbH—123067.  |
| Fulling, W. (Dr.)—123325, 123343, 123344, 123345, 123346.   | Koninklijke Nederlandsche Gisten Spiritusfabriek N. V.—123083, 123084, 123085.         |
| G   |  |
| G. K. N. Screws & Fasteners Ltd.—123270.  | Kullmann, J. C.—123167.  |
| Ganron Limited-Canron Limitee—123299.   | Kuriakose, A. (Mrs.)—123309.   |
| General Electric Co.—122980.  | Kutty Flush Doors & Furniture Co.—123074, 123464.                                      |
| General Motors Corp.—123088.  | L  |
| George, K.—123309.  | Laboratories Miquel, S. A.—123298.   |
| George, M.—123309.  | Lalchandani, M. W.—123367.   |
| Ghaisas, Y. G.—123052.  | Latrique Brassiere Co. Inc.—122707.  |
| Ghosh, A.—123224.   | Leningradsky Ordona Lenina Politekhnichesky Institut im. M. I. Kalinina—123305.        |
| Ghosh, B.—123229.   | Letraset Ltd.—123234.  |
| Ghosh, P. R.—123224.  | Libbey-Owens-Ford Co.—123119.  |
| Gill, A. S.—123069.   | M  |
| Glanzstoff A. G.—122991, 123054, 123237.  | Mahle Komm-Ges—122981.   |
| Glaverbel—123374, 123375, 123376, 123377.   | Markos, R. (Mrs.)—123309.  |
| Glaxo Laboratories Ltd.—123070.   | Markos, P. T.—123309.  |
| Goodyear Tire & Rubber Co. The.—123212.   | Matsukura, K.—123155.  |
| H   |  |
| H. Putsch & Comp.—123342.   | Matsushita Electronics Corp.—123148, 123352.   |
| Haarmann & Reimer Gesellschaft Mit Beschränkter Haftung—123245.                                       | Mathew, T. J.—123221.  |
| Havero Industries Ltd.—122994.  | May & Baker Ltd.—123010, 123011, 123073.   |
| Hercules Inc.—123003.   | Maxey, E. S.—123123.   |
| Hind Razor & Blade Co. Pvt. Ltd.—123140.  | Menon, K. P.—123286, 123287.   |
| Hindustan Lever Ltd.—122987, 123092, 123108, 123208.  | Menon, N. P. B.—123328.  |
| Hodges, W. E.—123297.   | Merck & Co., Inc.—123000, 123080, 123178, 123179.                                      |
| Hoffmann, A.—123104.  | Messer Griesheim G.m.b.H.—123082.  |
| Holloway, H.—123171.  | Metallgesellschaft A. G.—123065, 123110.   |
| Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co. Ltd.)—123184, 123281.                             | Micafil Ltd.—123118.   |
|   | Midland-Ross Corp.—123217.   |
|   | Midland Silicones Ltd.—123320.   |
|   | Misra, K. N.—123228.   |
|   | Mitsubishi Jukogyo Kabushiki Kaisha—123264.  |
|   | Mitsui Toatsu Chemicals, Inc.—123002, 123030.  |

## Name &amp; Application No.

Mizusawa Kagaku Kogyo Kabushiki Kaisha—123199.  
Montecatini Edison S.p.A.—123240.  
Monsanto Co.—123062.

## N

N. V. Philips' Gloeilampenfabrieken—123187, 123218, 123239, 123283, 123284, 123285, 123390.  
Nadkarni, S. M.—123308.  
Nadkarni, S. S. (Mrs.)—123308.  
Nanjundayya, C. (Dr.)—123142, 123143.  
Nath, S.—123050.  
National Distillers and Chemical Corp.—123304, 123334, 123348.  
Natural Rubber Producers' Research Association, The,—123032.  
Nikex Nehezipari Kulkerekedelmi Vallalat—123183.  
Norddeutsche Affinerie—123259.  
North American Rockwell Corp.—123192.  
Norton Co.—123256.

## O

Owens-Illinois, Inc.—123350, 123324.  
Oy Tampella Ab.—123194.

## P

Pamutnyoipoipari Vallalat—123116.  
Pardasani, R. R.—123271.  
Parikh, D. V. (Dr.)—123142, 123143.  
Parmar, I. R.—123310.  
Patel, A. A.—123137.  
Patel, A. C.—123141, 123292.  
Patel, G. G.—123089.  
Patel, I. U.—123137.  
Patel, S. R.—123137.  
Pechiney-Progil—123335.  
Philip Morris Inc.—123122.  
Philip, T. S.—123309.  
Police Feb.—123276.  
Phillips Petroleum Co.—122979, 123146.  
Polymer Products Co.—123260.

## R

R. J. Reynolds Tobacco Co.—123351.  
Railway Signalling & Train Lighting Equipment Mfg. Co. The,—123204.  
Rajasri alias Ch. A. N. Raju—123288.  
Raman, N. S. K.—123114.  
Raman, T. S. I.—123207.  
Ranade, R. T.—123048.  
Rca Corp.—123027.  
Rederiaktiebolaget Nordstjernan—123001.  
Reifenhauser Kg.—123068.  
Rhone-poulenc S. A.—123294, 123336, 123378.  
Roy, D. B.—123026.

## S

Sagar, J. S.—123205.  
Shah, A. K.—123357.  
Sandoz Ltd.—123023, 123031, 123160, 123280, 123383.  
Sanghrajka, J. P.—123107.  
Sardessi Brothers Ltd.—123043.  
Sawa'ka, V.—123389.  
Scalar—123161.  
Schorsscher, J. J.—123297.  
Scientific Adviser to the Defence Minister Government of India, The.—123275, 123307, 123355, 123356.  
Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, The,—123213.  
Sen, S. K.—123036.

## Name &amp; Application No.

Serpo, persoonvennootschap met beperkte aansprakelijkheid—122999.  
Shah, N. M.—123230.  
Shell Internationale Research Maatschappij N. V.—123004.  
Shri Dayal—123012.  
Siemens Aktiengesellschaft—123172, 123173.  
Singh, G.—123246, 123247.  
Sinha, B. K.—123248.  
Simac Group (India) Pvt. Ltd.—123358, 123359, 123360.  
Societe D' Appareils De Controle Et D' Equipment Des Moteurs S. A. C. E. M.—123273.  
Societe Fives Lille-call—123053.  
Societe Generale De Recherches Et D'Applications Scientifiques "Sogerac"—123214.  
Soni, G. S.—123075.  
Stamicarbon N. V.—123379.  
Standard Telephones and Cables Ltd.—123078, 123222.  
Steel Rolling Mills of Hindustan Pvt. Ltd.—123113.  
Stradler Ship Co.—123203.  
Studio Foto Lite—123321.  
Sumitomo Chemical Co. Ltd.—123109.

## T

Takeda Chemical Industries, Ltd.—123186.  
Tata Oil Mills Company Ltd. The,—123382.  
Teijin Ltd.—123156.  
Textile & Allied Industries Research Organisation, The,—123055.  
Thomas, P.—123309.  
Thomas, P. I.—123309.  
Thomas, T. J.—123309.  
Thomas, T. P.—123309.  
Thomas, Z.—123309.  
Toyo Jozo Kabushiki Kaisha—123126.  
Toyo Rayon Co. Ltd.—123018.  
Tokyo Shibaura Denki Kabushiki Kaisha—123106.  
Trivedi C. C. (Dr.)—123232.  
Transelectro Magyar Villamosagi Kulkerekedelmi Vallalat—123063.  
Trivedi, N. R.—123025.  
Trivikram, A. T. (Dr.)—123145.  
Tsentralny Nauchno-Issledovatelsky Institut Tekhnologii Mashinostroenia—123176.

## U

Ucb (Union Chimique-Chemische Bedrijven) S. A.—123265.  
Ukransky nauchno-issledovatelsky i konstruktorsky institut khimicheskogo mashinostroenia—123354.  
Union Carbide Canada Ltd.—123330, 123331.  
Union Carbide Australia Ltd.—123166.  
Uniroyal, Inc.—123034.  
Universal Oil Products Co.—123101, 123316, 123341.  
Uralsky Zavod Tyazhelogo Mashinostroenia Imeni S.—122984.  
Upjohn Company, The,—123081, 123198, 123349.  
Union Carbide Corp.—123282.  
United States Steel Corp.—123315.

## V

Varda, G. D.—123240.  
Vadher, V. C.—123219.  
Varma, B. K.—123165.  
Vazifdar, J. N.—123293, 123047.  
Veb Chemiefaserverk "Friedrich Engels"—123373.  
Vereinigte Oesterreichische Eisen-und Stahlwerke Aktiengesellschaft—123269.  
Vitafoam Ltd.—123008.  
Vsosojuzny elektrotekhnichesky Institut imeni V. I. Lenina—123306.

*Name & Application No.*

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